

APPENDIX A
MOTIF AND WINDOWS VIRTUAL KEYS FOR KEYBOARD FUNCTIONS

Note: See appendix C for virtual keys assigned as accelerators.

<u>CDE Motif Virtual Keys</u>	<u>Windows Virtual Keys</u>	<u>Function Performed</u>
<u>Text Entry</u>		
<Insert>	<Insert>	Toggles between replace and insert mode.
<Space> <Shift><Space>	<Space>	Inserts a space in text.
<Return> ¹	<Enter> <Ctrl><Enter>	Inserts a new line in multi-line text.
<Backspace>	<Backspace>	Deletes the character to the left of the cursor.
<Delete>	<Delete>	Deletes the character to the right of the cursor.
<Tab>		Inserts a tab or moves to the next tab stop.
<u>Input Focus</u>		
<Ctrl><Esc>	<Ctrl><Esc>	Displays a window listing the currently running applications.
<Alt><Esc>	<Alt><Esc>	Navigates to the next application.
	<Alt><Shift><Esc>	Navigates to the previous application.
<Alt><Tab>	<Alt><Tab>	Navigates to the next window family.
<Alt><Shift><Tab>	<Alt><Shift><Tab>	Navigates to the previous window family.
<Alt><F6>	<Alt><F6>	Navigates to the next window in a family.
<Alt><Shift><F6>	<Alt><Shift><F6>	Navigates to the previous window in a family.

¹ The Certification Checklist in the Motif and TED Style Guides indicates <Return> inserts a new line in text while <Enter> or <Ctrl><Return> invokes the default action; appendix A in the TED Style Guide indicates <Enter> or <Return> inserts a new line in text.

	<Ctrl><F6>	Navigates to the next document window.
	<Ctrl><Shift><F6>	Navigates to the previous document window.
<F6>	<F6>	Navigates to the next pane of the active window.
	<Shift><F6>	Navigates to the previous pane of the active window.
<u>Navigation</u>		
<Tab> <Ctrl><Tab>	<Tab>	Navigates to the next tab group in a window.
<Shift><Tab> <Ctrl><Shift><Tab>	<Shift><Tab>	Navigates to the previous tab group in a window.
<Up>	<Up>	Navigates up one unit (e.g., one line).
<Down>	<Down>	Navigates down one unit.
<Left>	<Left>	Navigates left one unit (e.g., one character).
<Right>	<Right>	Navigates right one unit.
<Ctrl><Up>	<Ctrl><Up>	Navigates up one large unit (e.g., one paragraph).
<Ctrl><Down>	<Ctrl><Down>	Navigates down one large unit.
<Ctrl><Left>	<Ctrl><Left>	Navigates left one large unit (e.g., one word).
<Ctrl><Right>	<Ctrl><Right>	Navigates right one large unit.
<Home>	<Home>	Navigates to the leftmost element (e.g., the beginning of a line).
<End>	<End>	Navigates to the rightmost element (e.g., the end of a line).
<Ctrl><Home>	<Ctrl><Home>	Navigates to the top leftmost element (e.g., the beginning of data).
<Ctrl><End>	<Ctrl><End>	Navigates to the bottom rightmost element (e.g., the end of data).
<PageUp>	<PageUp>	Navigates up one page.
<PageDown>	<PageDown>	Navigates down one page.

<Ctrl><PageUp>	<Ctrl><PageUp>	Navigates left one page.
<Ctrl><PageDown>	<Ctrl><PageDown>	Navigates right one page.
	<ScrollLock>	Toggles between normal and scroll lock mode.
<u>Selection/Activation</u>		
	<F8>	Toggles between normal and extend mode.
<Shift><F8>	<Shift><F8>	Toggles between normal and add mode.
<Shift><Space> <Shift><Select> ²		Extends a selection to the cursor position except in text (also see Range Selection in Text).
<Backspace> <Delete>	<Backspace> <Delete>	Deletes the current selection.
<Ctrl></>		Selects all of the elements in a collection.
<Ctrl><\>		Deselects all of the selected elements in a collection.
<Space> <Select>	<Space>	Selects/activates the element with focus.
<Enter> <Return> <Ctrl><Return>	<Enter>	Invokes the default action.
<Esc> <Cancel>	<Esc>	Stops or cancels the current interaction.
<u>Menu Navigation/Activation</u>		
<Alt><Space> <Shift><Esc>	<Alt><Space>	Navigates to (i.e., displays) the Window menu in an application window.
	<Alt><Hyphen>	Navigates to (i.e., displays) the Window menu in a document window.
<F10> <Shift><Menu> ³	<F10>	Navigates to/from a menu bar.

² The Certification Checklist in the [Motif](#) and [TED Style Guides](#) indicates that <Shift><Select> and <Shift><Space> extend a selection to the cursor position (except in text). Appendix A in the [TED Style Guide](#) indicates <Shift><Space> and <Ctrl><Shift><Space> perform this function.

<Shift><F10> <Menu>		Navigates to (i.e., displays a pop-up menu).
<Select> <Space>		Displays an option menu when focus is on an option button.
<Enter> <Return> <Select> <Space>	<Enter>	Activates a menu or menu option.
<u>Access to Help</u>		
<F1> <Help>	<F1>	Displays a Help window.
<Shift><Help>	<Shift><F1>	Activates context-sensitive help mode.
<u>Range Selection in Text (Motif Only)</u>		
<Shift><Up>		Extends the selection up one line.
<Shift><Down>		Extends the selection down one line.
<Shift><Left>		Extends the selection left one character.
<Shift><Right>		Extends the selection right one character.
<Ctrl><Shift><Up>		Extends the selection up one paragraph.
<Ctrl><Shift><Down>		Extends the selection down one paragraph.
<Ctrl><Shift><Left>		Extends the selection left one word.
<Ctrl><Shift><Right>		Extends the selection right one word.
<Shift><Home>		Extends the selection to the beginning of a line.
<Shift><End>		Extends the selection to the end of a line.
<Ctrl><Shift><Home>		Extends the selection to the beginning of the data.
<Ctrl><Shift><End>		Extends the selection to the end of the data.

³ The Certification Checklist in the Motif and TED Style Guides includes <Shift><Menu> and <Menu> for navigating to/from a menu bar and a pop-up menu, respectively. Appendix A in the TED Style Guide omits these key combinations from the list of keyboard functions.

<Shift><PageUp>

Extends the selection up one page.

<Shift><PageDown>

Extends the selection down one page.

<Ctrl><Shift><PageUp>

Extends the selection left one page.

<Ctrl><Shift><PageDown>

Extends the selection right one page.
